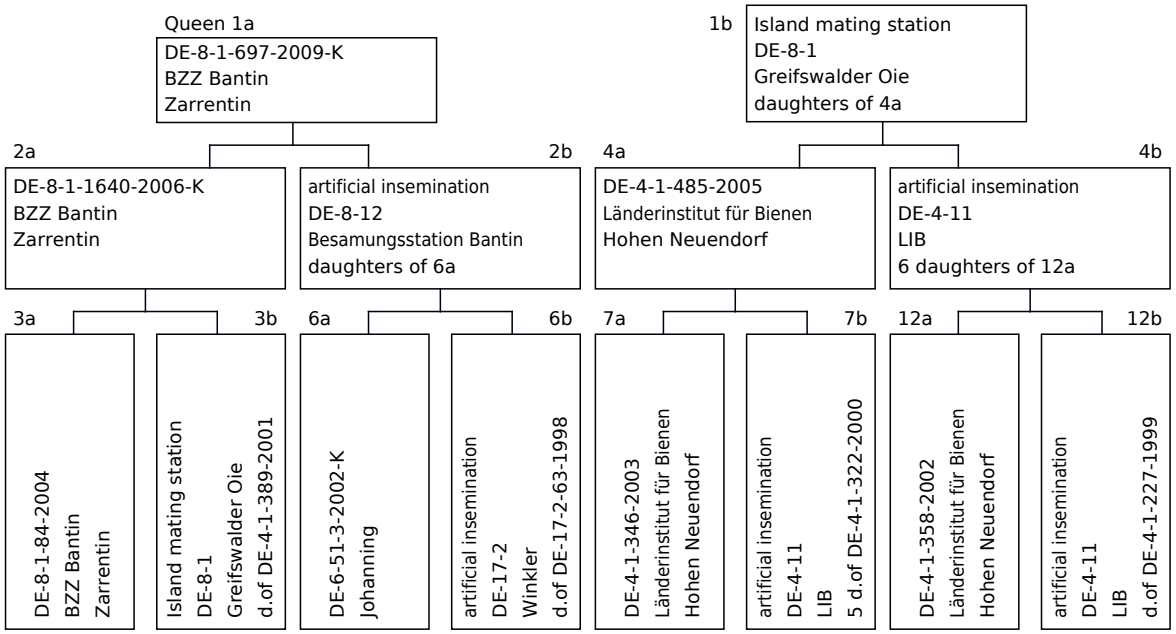
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-8-1-697-2009-K

| | | |
|---|---|---|
| Tester of the queen: | BZZ Bantin, Landesverband der Imker M-V, 19246 Zarrentin, DE-8-1, Apiary 4 | |
| Breeder of the queen: | BZZ Bantin, Landesverband der Imker M-V, 19246 Zarrentin, DE-8-1 | |
| **1a** Studbook number: | **DE-8-1-697-2009-K** | |
| | | Daughters of |
| Race line: -29 | Sign: green 55 | Queen: 0% |
| Generation: | Hatch date: 9.6.2009 | Workers: 2.4% |

## A. Pedigree




## B. Own performance

| | No. of the colony 1 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 53 | 129 | 2 | 13 | 41.1 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 109 | |
| Honey yield | - | 111 | 0.39 |
| Defensive behavior | 4 | 116 | 0.6 |
| Steadiness on comb | 4 | 118 | 0.62 |
| Swarming drive | 4 | 124 | 0.4 |
| Varroa | - | 90 | 0.5 |
| Performance index | - | 0 | |
| Robustness in winter | 3.50 | | |
| Development in Spring | 3.50 | | |
| Colony strength | 3.50 | | |

70% 100% 170%

[1]In accordance with the resolution of the breeder convention of 9th April 2011, for the total breeding value, Varroa tolerance is weighted by 40% and honey yield, gentleness, calmness during inspection, and swarming tendency are each weighted by 15%.

## C. Performance of the sisters

See page 2

## D. Body features, see appendix

See attached characteristic documents:

## E. Results

**Class A**
Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

21.02.2011

For the correctness DE-8

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## Page 2

## Performance of the sisters

Amount of checked sisters: 8

| Studbook number | Tester of the queen | Apiary | Total breeding value | Yield kg | Breeding Value Honey | Defensive behavior | Breeding Value Defensive Behavior | Calmness during inspection | Breeding Value Calmness during inspection | Swarming drive | Breeding Value Swarming drive | Varroa-index | Performance ndex |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE-8-1-688-2009-K | DE-8-1 | 4 | 82 | 44 | 101 | 3.5 | 99 | 3.5 | 109 | 4 | 120 | 56 | |
| DE-8-1-689-2009-K | DE-8-1 | 4 | 100 | 49 | 108 | 4 | 117 | 4 | 120 | 4 | 127 | 72 | |
| DE-8-1-693-2009-K | DE-8-1 | 4 | 106 | 60 | 115 | 4 | 118 | 4 | 120 | 4 | 127 | 82 | |
| DE-8-1-694-2009 | DE-8-1 | 4 | 78 | 28 | 87 | 2.5 | 84 | 2.5 | 84 | 2.5 | 88 | 79 | |
| DE-8-1-696-2009-K | DE-8-1 | 4 | 114 | 44 | 106 | 4 | 116 | 4 | 116 | 4 | 118 | 106 | |
| DE-8-1-697-2009-K | DE-8-1 | 4 | 109 | 53 | 111 | 4 | 116 | 4 | 118 | 4 | 124 | 90 | |
| DE-8-1-700-2009-K | DE-8-1 | 4 | 88 | 4 | 80 | 4 | 114 | 4 | 116 | 4 | 119 | 67 | |
| DE-8-1-701-2009-K | DE-8-1 | 4 | 95 | 47 | 100 | 3 | 90 | 3 | 89 | 2.5 | 92 | 102 | |